

Regular 3-26-13
Item # CA-4
CCM/R 13-027R

CITY COUNCIL MEMORANDUM FOR RESOLUTION

AGENDA ITEM

ADOPT THE 2012 DRAINAGE MASTER PLAN

ORIGINATING DEPARTMENT

PUBLIC WORKS *Krk*

BACKGROUND INFORMATION

On September 13, 2005, the City Council approved CCM/R 05-149R, which adopted the 2005 Drainage Master Plan (DMP). This master plan was prepared by Jacobs Engineering (Jacobs). On May 25, 2010, the City Council approved CCM/R 10-050R, which adopted the DMP update for the 2008 annexation area. This master plan update was prepared by Atkins (formally known as PBS&J).

The City issued a Drainage Bond in 2006 for \$8M and of that, \$3,372,076 is currently available for construction activities. However, in FY13-14, five construction projects are scheduled to advertise for bid. The estimated total construction cost for those projects is \$3,350,000. This leaves \$22,076 available in the original drainage bond. The adoption of the 2012 Drainage Master Plan Update (DMP) is a key part of the evaluation of the next drainage bond issue draws near.

On September 28, 2010, the City Council authorized the award of a professional services contract to Atkins for the development of an updated DMP (CCM/R 10-110R). The first phase of this contract included development of the Drainage Design Manual. The goal of the second phase was to update the 2005 DMP. The goal of the 2012 DMP is to prioritize drainage capital improvement projects so that available capital improvement dollars may be directed toward the highest priority CIPs. This 2012 DMP provides the City of Killeen a planning tool that will serve as a guide for short-term and long-term improvements to the infrastructure within the drainage system.

DISCUSSION/CONCLUSION

This 2012 DMP evaluates watersheds and drainage infrastructure within the current city limits. Key activities performed by Atkins for the 2012 DMP included the following tasks:

- Drainage Design Manual
- Drainage System Capital Improvements Plan
- Drainage System Master Plan Report

Based upon the evaluation of the City of Killeen's drainage systems, Atkins developed a Capital Improvements Plan (CIP) with project cost estimates in a five-year bond package. A summary of major system estimated CIP costs is included within the 2012 DMP. This summary also includes costs for a regional detention study and a floodplain study. This integrated set of

projects will account for improvements needed to support new development as well as improvements to infrastructure that serve existing customers.

FISCAL IMPACT

Funding will be provided through the pending 2013 Drainage Revenue Bond.

RECOMMENDATION


Recommend that the City Council adopt the 2012 Drainage Master Plan.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF KILLEEN:

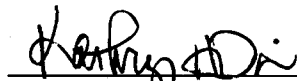
That the above-stated recommendation is hereby approved and authorized.

PASSED AND APPROVED at a regular meeting of the City Council of the City of Killeen, Texas this 26 day of March, 2013, at which meeting a quorum was present, held in accordance with the provisions of V.T.C.A., Government Code, § 551.001 *et seq.*

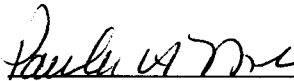
APPROVED

For 
Daniel A. Corbin
MAYOR

APPROVED AS TO FORM:


Kathryn H. Davis
CITY ATTORNEY

ATTEST:


Paula A. Miller
CITY SECRETARY

